



# Environmental Bulletin

Volume 18, Number 3  
February 12, 2007

*from the Savannah River Site*

## **United States Department of Energy, Office of Nuclear Energy announces its intent to prepare a Programmatic Environmental Impact Statement for the Global Nuclear Energy Partnership**

The United States Department of Energy (DOE), Office of Nuclear Energy (NE) is announcing its intent to prepare a Programmatic Environmental Impact Statement for the Global Nuclear Energy Partnership (hereafter, GNEP PEIS). The scoping process is an opportunity for the public to assist DOE in determining, among other things, reasonable alternatives and issues for analysis. Public scoping meetings will provide the public with an opportunity to present comments, ask questions, and discuss issues regarding the GNEP PEIS with DOE officials.

Domestically, GNEP involves a programmatic proposal as well as project-specific proposals. The programmatic proposal is to recycle spent nuclear fuel (SNF) and destroy the long-lived radioactive components of that SNF. Toward this end, GNEP includes project-specific proposals to construct and operate three facilities: a **nuclear fuel recycling center**, which would separate the SNF into its reusable components and waste components and manufacture new nuclear fuel using reusable components; an **advanced recycling reactor**, which would destroy long-lived radioactive elements in the new fuel while generating electricity; and an **advanced fuel cycle research facility**, which would perform research into SNF recycling processes and other aspects of advanced nuclear fuel cycles.

At this time, DOE contemplates that the PEIS will consider 13 sites as possible locations for one or more of the proposed GNEP facilities. Eleven of these sites were selected based on responses received regarding the Funding Opportunity Announcement (<http://www.energy.gov/news/4492.htm>). Two additional DOE sites have been preliminarily identified as possible locations for the DOE-directed advance fuel cycle research facility.

GNEP also includes two international initiatives: 1) ensure reliable fuel services, in which the United States would cooperate with countries that have advanced nuclear programs to supply nuclear fuel services to other countries that refrain from pursuing enrichment or recycling facilities to make their own nuclear fuel; 2) the United States would promote the development of proliferation-resistant, modular nuclear power reactors suitable for use in developing economies.

The public scoping period began with the publication of the Notice of Intent (NOI) in the Federal Register on January 4, 2007, and will continue for 90 days. The locations, dates, and times for the public scoping meetings are as follows:

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*This PEIS is being prepared and considered in accordance with the requirements of the National Environmental Policy Act (NEPA) of 1969, regulations of the President's Council on Environmental Quality (40CFR parts 1500 through 1508), and DOE's National Environmental Policy Act Implementing Procedures (10CFR part 1021).*

## Proposed GNEP PEIS Scoping Meetings

Date: February 13, 2007  
Oak Ridge, Tennessee  
DoubleTree Hotel  
215 South Illinois Avenue  
Time: 6:00-9:30pm

Date: February 15, 2007  
North Augusta, South Carolina  
North Augusta Community Center  
495 Brookside Avenue  
Time: 6:00-9:30pm

Date: February 22, 2007  
Joliet, Illinois  
Barber Ober-Wortmann Horticultural Center  
227 North Gougar Street  
Time 6:00-9:30pm

Date: February 26, 2007  
Hobbs, New Mexico  
Lea County Event Center  
5101 N Lovington-Hobbs Hwy  
Time: 6:00-9:30pm

Date: February 27, 2007  
Carlsbad, New Mexico  
Pecos River Village Conference Center  
Carousel House  
711 Muscatel Avenue  
Time: 9:00am-12:30pm

Date: February 27, 2007  
Roswell, New Mexico  
Best Western Sally Port Inn & Suites  
2000 N. Main Street  
Time: 6:00-9:30pm

Date: March 1, 2007  
Los Alamos, New Mexico  
Hilltop House Best Western  
400 Trinity Drive (at Central)  
Time: 6:00-9:30pm

Date: March 6, 2007  
Paducah, Kentucky  
Executive Inn Riverfront  
One Executive Boulevard  
Time: 6:00-9:30pm

Date: March 8, 2007  
Piketon, Ohio  
Ohio State University Endeavor Center,  
Room 160, 1862 Shyville Road  
Time: 6:00-9:30pm

Date: March 13, 2007  
Pasco, Washington  
Red Lion Hotel  
2525 N. 20th Avenue  
Time: 6:00-9:30pm

Date: March 15, 2007  
Idaho Falls, Idaho  
Red Lion Hotel on the Falls  
475 River Parkway  
Time: 6:00-9:30pm

Date: March 19, 2007  
Washington, D.C.  
Hotel Washington  
15<sup>th</sup> and Pennsylvania Ave, NW  
Time: 1:00-5:00pm

If you would like to request any additional information contact: Mr. Timothy A. Frazier GNEP PEIS Document Manager, Office of Nuclear Energy, U.S. Department of Energy, 1000 Independence Avenue, SW, Washington, DC 20585-0119, or via telephone: 866-645-7803, Fax: 866-645-7807, or by e-mail at [GNEP-PEIS@nuclear.energy.gov](mailto:GNEP-PEIS@nuclear.energy.gov). Additional information on GNEP may be found at [www.gnep.energy.gov](http://www.gnep.energy.gov).



## U.S. Department of Energy GNEP PEIS Public Scoping Meeting



The Department of Energy's Office of Nuclear Energy (NE) is announcing its intent to prepare a Global Nuclear Energy Partnership Programmatic Environmental Impact Statement (GNEP PEIS). As required by the National Environmental Policy Act, known as NEPA, NE will conduct public scoping meetings to discuss issues and receive comments on the scope of the PEIS. The public scoping meeting will include brief presentations about NEPA and the GNEP program, followed by an informal poster session supported by technical staff, and an opportunity for oral public comments.

### Thursday, February 15

North Augusta Community Center  
495 Brookside Avenue  
North Augusta, South Carolina 29841  
Public Meeting: 6:00 – 9:30 p.m.

The programmatic proposal is to begin to recycle spent fuel and destroy its long-lived radioactive components. To accomplish this, GNEP proposes to design, build and operate 3 facilities:

- A **nuclear fuel recycling center** would separate spent fuel into reusable and waste components and then manufacture new nuclear fuel using the reusable components.
- An **advanced recycling reactor** would destroy long-lived radioactive elements in the new fuel while generating electricity.
- An **advanced fuel cycle research facility** would perform research into spent fuel recycling processes and other advanced nuclear fuel cycles.

At this time, DOE contemplates that the GNEP PEIS will consider 13 sites as possible locations for one or more of these facilities. Internationally, GNEP involves two programmatic initiatives: reliable fuel services, and promotion of proliferation-resistant nuclear power reactors suitable for use in developing economies. See [www.gnep.energy.gov](http://www.gnep.energy.gov) for additional information on GNEP.

Comments on the scope of the PEIS can be submitted to  
Mr. Timothy A. Frazier at:

GNEP PEIS Document Manager, Office of Nuclear Energy, U.S.  
Department of Energy, 1000 Independence Avenue, SW  
Washington, DC 20585-0119, or via Telephone: 866-645-7803,  
Fax: 866-645-7807, or e-mailed to [GNEP-PEIS@nuclear.energy.gov](mailto:GNEP-PEIS@nuclear.energy.gov)

*Please mark envelopes and e-mails as "GNEP PEIS Comments"*

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For more information on this or other  
environmental and compliance activities  
at SRS, please contact:

**Jim Moore**

**Washington**

**Savannah River Co.**

**Aiken, S.C. 29808**

**(803) 952-6245**

**e-mail: jim02.moore@srs.gov**

**Paul Sauerborn**

**Washington**

**Savannah River Co.**

**Aiken, S.C. 29808**

**(803) 952-6658**

**paul.sauerborn@srs.gov**

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